

Date: Sun, 3 Jul 94 20:05:22 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #739
To: Info-Hams

Info-Hams Digest Sun, 3 Jul 94 Volume 94 : Issue 739

Today's Topics:

(none)
ARLB056 Look at that license
ARLP026 Propagation de KT7H
Contest Question
Daily Summary of Solar Geophysical Activity for 01 July
IPS Daily Report - 03 July 94
MARS Radio Mailing List
Plumber's Delight Yagi Info
Swap Tables at Melbourne Hamfest

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 3 Jul 94 21:59:13 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: info-hams@ucsd.edu

Len, KB7LPW sez:

>Hi Luck. I do the Ham Radio & More show on the Talk America Network,
>and was asked recently if anybody knew of a watt meter or swr or noise
>bridge for the blind? One that would emit a tone or? as to what it showed!

You bet, Len -- there's a number of them available from WAY back,
including at least two in the ARRL's free publication "The ARRL
program for the disabled" which can be obtained by calling Mary Carcia

at 203 666 1541.

73 de

Luck Hurder, KY1T KY1TLUCK@AOL.COM ARRL@BIX.COM
53 Broadview St. "The Amateur Radio Service opens doors
Newington CT 06111 to the world for EVERYONE!"

Date: Fri, 1 Jul 1994 22:24:52 -0600
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
ve6mgs!usenet@network.ucsd.edu
Subject: ARLB056 Look at that license
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB056
ARLB056 Look at that license

ZCZC AG21
QST de W1AW
ARRL Bulletin 56 ARLB056

Date: Fri, 1 Jul 1994 22:26:47 -0600
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
ve6mgs!usenet@network.ucsd.edu
Subject: ARLP026 Propagation de KT7H
To: info-hams@ucsd.edu

SB PROP @ ARL \$ARLP026
ARLP026 Propagation de KT7H

ZCZC AP40
QST de W1AW
Propagation Forecast Bulletin 26 ARLP026

Date: Mon, 4 Jul 1994 02:19:54 GMT
From: world!drt@uunet.uu.net
Subject: Contest Question
To: info-hams@ucsd.edu

Stan Olochwoszcz N2AYJ (n2ayj@n2ayj.overleaf.com) wrote:

: The contest is entered under ONE call, even if it is a group of
: operators. During the contest, you may use that call since the licensee
: is ALWAYS on site ;-) and is the control operator. You *should* stay in your
: own sub-band when operating, even if the control op is a higher class.

Whoa ...

If a contest station uses your call, you're lending your STATION license (i.e., callsign) to the other ops, allowing them to operate - = "be the control operator of" - (part of) your station, even if you *aren't* there. (Leave a copy of your license!) You're NOT lending them your operator's license. Those ops, as the control operators for one or more transmitters, *really* should stick to their own privileges, because it's TOTALLY ILLEGAL to exceed them, even while operating (key word) *someone else's* station. You can't lend out your operator license and resulting privileges at all - unless you are the actual control operator of the transmitter. But, if you can't even see the frequency to make sure they're not out of (your sub)band, you're not really in control, are you?

On the other hand, if you really ARE in control, then the person at the radio (the third party, it turns out) isn't limited to his own class but can do whatever you can, because legally, you're the one whose doing it!

As for the "slash" IDing requirement, that's legally mandated only if the control op is using privileges he has but the station licensee doesn't have. Other than that, it's optional - perfectly okay to use, if you feel like it. Contesters *never* feel like it. You're absolutely right. That's why contesters like to use a callsign belonging to someone with the highest license class in the bunch.

: "EVERYBODY'S an Extra on Field Day!" - Anonymous (I plead the Fifth.)

You got that right. There's this polite fiction (a custom, if you will) that if there's an Extra anywhere within 1000 feet of a FD transmitter, he's the control op. It's universal, but not strictly legal. But on Field Day, who really cares? Nobody. Every subband's jammed full of signals anyway. And who ever heard of getting cited for it? It's like Radio Mardi Gras - things are just a little looser than usual. "Here's your chart ... don't go beyond the band edge." It's not a bad thing.

But if someone really is cited for something (e.g., trying to work CHU, maybe? I don't know), that someone is going to be the station licensee, whether he knew what was going on or not, unless he can prove through a log that someone else is responsible - and it's

important to understand that (admittedly small) risk before adopting that polite fiction with your own ticket on the line.

: > Is this a question of propriety or legality?

: Yes :-)

You betcha!

-drt

David R. Tucker KG2S 8P9CL drt@world.std.com

Date: Sat, 2 Jul 1994 01:23:21 MDT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!
adec23!ve6mgs!usenet@network.ucsd.edu
Subject: Daily Summary of Solar Geophysical Activity for 01 July
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

01 JULY, 1994

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(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACTIVITY INDICES FOR 01 JULY, 1994

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 182, 07/01/94
10.7 FLUX=086.7 90-AVG=079 SSN=057 BKI=4453 2234 BAI=021
BGND-XRAY=A8.1 FLU1=3.3E+06 FLU10=1.8E+04 PKI=4454 3334 PAI=022
 BOU-DEV=056,054,096,027,013,017,031,042 DEV-AVG=042 NT SWF=00:000
 XRAY-MAX= B7.0 @ 1725UT XRAY-MIN= A6.0 @ 0706UT XRAY-AVG= B1.4
 NEUTN-MAX= +001% @ 1130UT NEUTN-MIN= -003% @ 1810UT NEUTN-AVG= -0.8%
 PCA-MAX= +0.1DB @ 1455UT PCA-MIN= -0.3DB @ 1135UT PCA-AVG= -0.0DB
 BOUTF-MAX=55328NT @ 2253UT BOUTF-MIN=55273NT @ 1809UT BOUTF-AVG=55301NT
 GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+080,+000,+000
 GOES6-MAX=P:+147NT@ 1837UT GOES6-MIN=N:-064NT@ 0349UT G6-AVG=+108,+035,-022
 FLUXFCST=STD:089,091,091;SESC:089,091,091 BAI/PAI-FCST=020,020,015/020,020,015

KFCST=4354 3232 4343 4333 27DAY-AP=022,017 27DAY-KP=4444 3334 3443 3334
WARNINGS=
ALERTS=**245STRM:1355-2057UTC
!!END-DATA!!

NOTE: The Effective Sunspot Number for 30 JUN 94 was 26.1.
The Full Kp Indices for 30 JUN 94 are: 3o 4- 4o 4- 3- 3o 3- 3o
The 3-Hr Ap Indices for 30 JUN 94 are: 16 25 29 21 11 15 13 17
Greater than 2 MeV Electron Fluence for 01 JUL is: 5.0E+08

SYNOPSIS OF ACTIVITY

Solar activity was moderate due to a M2/1B flare from Region 7742 (S09E15) at 30/2124Z. Moderate centimeter bursts and a strong Type II accompanied the event. This region remained mostly stable in white light area but the number of small spots increased. A new region near NE12 is visible in recent Yohkoh imagery. A region number will be assigned here once spots are visible. A transequatorial coronal hole that was visible last rotation is not visible now in the eastern hemisphere of recent x-ray images. A filament near S19E33 faded between approximately 01/1440-1820Z.

Solar activity forecast: solar activity should be generally low. The possibility of an isolated M-class flare from Region 7742 remains. The new region at the east limb may also slightly increase activity levels.

The geomagnetic field was at active to minor storm levels during local nighttime and quiet to unsettled during local daylight intervals. The energetic electron fluxes were mostly at moderate to high levels.

Geophysical activity forecast: the geomagnetic field should be unsettled to active for 02-03 Jul with minor storm periods possible at local nighttime. Unsettled to slightly active conditions are forecast for 04 Jul as the coronal hole related disturbance subsides. No significant effects are forecast from the M2 flare mentioned above.

Event probabilities 02 jul-04 jul

Class M	20/20/20
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 02 jul-04 jul

A. Middle Latitudes

Active	40/40/30
Minor Storm	30/20/15
Major-Severe Storm	10/05/01

B. High Latitudes

Active	40/40/30
Minor Storm	30/25/20
Major-Severe Storm	15/10/05

HF propagation conditions were near-normal over all regions except for transauroral night-sector circuits where occasional minor signal degradation was observed. Similar conditions are expected over the next 48 to 72 hours.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

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REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 01/2400Z JULY

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7742	S09E14	231	0220	DAC	06	024	BETA	
7743	S10E27	218	0010	AXX	01	002	ALPHA	
7744	S07W26	271	0000	AXX	00	001	ALPHA	

REGIONS DUE TO RETURN 02 JULY TO 04 JULY

NMBR	LAT	LO
7734	N11	151
7730	S11	130
7731	N09	123

LISTING OF SOLAR ENERGETIC EVENTS FOR 01 JULY, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
0228	0229	0230						130	
1245	1246	1246						100	
2053	2103	2110			B2.7			100	
2147	2147	2148						120	

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 01 JULY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
01/B1445		B1819	S19E35	DSF				

01/1620 1724 1754 S09E17 LDE B7.0 94

INFERRED CORONAL HOLES: LOCATIONS VALID AT 01/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS
EAST SOUTH WEST NORTH CAR TYPE POL AREA OBSN
NO DATA AVAILABLE FOR ANALYSIS

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date Begin Max End Xray Op Region Locn 2695 MHz 8800 MHz 15.4 GHz

30 Jun: 0113 0121 0142 B4.5 SF 7742 S13E39
0214 0219 0226 B2.7
0242 0321 0332 C1.5 SF 7742 S13E38
0402 0412 0424 B5.6 SF 7743 S14E53
0428 0429 0439 SF 7743 S12E49
0754 0811 0820 C2.4 SF 7742 S10E35
0855 0907 0927 B7.4 SF 7742 S10E35 29 54 30
0958 1004 1015 B2.8
1109 1112 1115 B2.3
1334 1341 1353 B5.8 SF 7742 S11E31
1558 1559 1604 SF 7742 S11E36
1616 1631 1646 B4.1 SF 7742 S11E31
1803 1814 1824 B3.9 SF 7742 S12E31
2113 2124 2133 M2.5 1B 7742 S12E27 350 1700 2000

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

C M X S 1 2 3 4 Total (%)
-- -- -- -- --
Region 7742: 2 1 0 8 1 0 0 0 009 (64.3)
Region 7743: 0 0 0 2 0 0 0 0 002 (14.3)
Uncorrelated: 0 0 0 0 0 0 0 0 003 (21.4)

Total Events: 014 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date Begin Max End Xray Op Region Locn Sweeps/Optical Observations

30 Jun:	0113	0121	0142	B4.5	SF	7742	S13E39	III
	0214	0219	0226	B2.7				III,V,Continuum
	0242	0321	0332	C1.5	SF	7742	S13E38	III,V
	0754	0811	0820	C2.4	SF	7742	S10E35	III,V
	0855	0907	0927	B7.4	SF	7742	S10E35	III
	0958	1004	1015	B2.8				III
	1334	1341	1353	B5.8	SF	7742	S11E31	III
	1803	1814	1824	B3.9	SF	7742	S12E31	III,V
	2113	2124	2133	M2.5	1B	7742	S12E27	II,III

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

** End of Daily Report **

Date: Sun, 3 Jul 1994 23:17:35 GMT
 From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!math.ohio-state.edu!uwm.edu!
 msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!
 rwc@network.ucsd.edu
 Subject: IPS Daily Report - 03 July 94
 To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
 ISSUED AT 3/2330Z JULY 1994 BY IPS RADIO AND SPACE SERVICES
 FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
 SUMMARY FOR 3 JULY AND FORECAST UP TO 6 JULY

No IPS Disturbance Warning is current

1A. SOLAR SUMMARY

Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 086/029

GOES satellite data for 2 July

Daily Proton Fluence >1 MeV: 2.9E+06

Daily Proton Fluence >10 MeV: 1.5E+04

Daily Electron Fluence >2 MeV: 2.8E+08

X-ray background: A5.0

Fluence (flux accumulation over 24hrs)/ cm²-ster-day.

1B. SOLAR FORECAST

	04 July	05 July	06 July
Activity	Low	Low	Low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 086/029

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to active

Estimated Indices : A	K	Observed A Index 2 July
Learmonth	14 3334 4122	
Fredericksburg	15	29
Planetary	15	27

Observed Kp for 2 July: 3555 3334

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
04 Jul	15	Quiet to unsettled.
05 Jul	10	Quiet to unsettled.
06 Jul	10	Quiet to unsettled.

2C. MAGNETIC COMMENT

None.

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH

03 Jul fair-normal fair-normal fair

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
04 Jul	normal	fair-normal	fair
05 Jul	normal	fair-normal	fair
06 Jul	normal	fair-normal	fair

3C. GLOBAL HF PROPAGATION COMMENT

Propagation conditions at mid and high lats are expected to improve as the level of geomagnetic activity decreases.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values

Observed T index for 03 July: 25

Predicted Monthly T Index for July is 30.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
04 Jul	30	Near predicted monthly values.
05 Jul	25	Near predicted monthly values.
06 Jul	30	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Regular Sporadic E layer was observed yesterday, and is expected again today. Daylight propagation conditions may have been degraded yesterday.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au fax: +61 2 4148331	PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329	West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330	AUSTRALIA

Date: Sat, 2 Jul 1994 16:40:13 -0600

From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu

Subject: MARS Radio Mailing List

To: info-hams@ucsd.edu

Welcome!

You have joined the MARS-list@stat.com The purpose of this server is to allow discussion about MARS (Military Affiliated Radio Service) activities.

The list is open to all branches of MARS.

To Send Mail To Be Distributed To All Subscribers:

mars-list@stat.com

And Send Normal Subject And Text.

To Add Yourself To This List, Please Send Electronic Mail To:

listserv@stat.com

And Include The Command:

subscribe mars-list

As The First Line of Your Message.

To Remove Yourself From This Server, Please Send Electronic Mail To:

listserv@stat.com

And Include The Command:

Unsubscribe mars-list

As The First Line of Your Message.

Requests For Help Should Be Sent To:

mars-list-request@stat.com

Editor, HICNet Medical Newsletter

Internet: david@stat.com

FAX: +1 (602) 451-1165

Bitnet : ATW1H@ASUACAD

Date: 3 Jul 1994 14:11:30 -0700

From: nntp.crl.com!crl.crl.com!not-for-mail@decwrl.dec.com
Subject: Plumber's Delight Yagi Info
To: info-hams@ucsd.edu

Could someone with access to antennae calculation software give me some dimensions for a two or three element yagi with a center frequency of 490Mhz. Plumber's delight preferred. Please also give me the name of the program you use if it is available to the public.

Thanks for the help,

Ed. Linskey (elinskey@crl.com)
N6QL0

Date: Sat, 2 Jul 1994 11:27:41 -0600
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: Swap Tables at Melbourne Hamfest
To: info-hams@ucsd.edu

* * * * *
* 2 9 t h A N N U A L M E L B O U R N E H A M F E S T *
* * * * *

September 10/11 in Melbourne, Florida, at the Melbourne Auditorium on Hibiscus Blvd., approximately 2 blocks north and 2 blocks west of the intersection of US 1 and US 192 in Melbourne.

Doors open at 9 AM both days. Advanced tickets and table information available by sending a self-addressed stamped envelope to:

Tickets and Tables: Janet Madden, KB4KQF
1455 Creel Road NE
Palm Bay, FL 32905

73, bill wb9ivr....

Date: 3 Jul 1994 16:51:53 -0700
From: ihnp4.ucsd.edu!agate!darkstar.UCSC.EDU!news.hal.COM!olivea!apple.com!apple.com!not-for-mail@network.ucsd.edu
To: info-hams@ucsd.edu

References <Anthony_Pelliccio-010794150655@138.16.64.44>, <2v1rjm\$nk0@cville-srv.wam.umd.edu>, <CsADLr.LvM@news.Hawaii.Edu>±

Subject : Re: Call-Sign Prefixes

jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>Just to be thorough here's the rest of the U.S. call areas:

>
> H1 Baker, Howard Island
> H2 Guam
> H3 Johnston Island
> H4 Midway Island
> H5 Kingman Reef
> H6 Hawaii (yea!!)
> H7 Kure Island
> H8 American Samoa
> H9 Wake Island
> H0 Northern Mariana Islands
> L7 Alaska
> P1 Navassa Island
> P2 Virgin Islands
> P4 Puerto Rico
> P5 Desecheo

Hmmm, "the rest," eh? Your homebrew CW tube equipment must not be getting into the Caribbean, Jeff :-). Guantanamo is missing.

Belau, KC6, is also missing from the above, but I have no idea if it is U.S. territory. Should have asked K7ZSD when he was there in May...

Some of the KH0 and KH2 still use their old callsigns. I recently worked KG6SL on Saipan with no pileup (the only way my peanut whistle could work any DX :-), probably because everyone thought he was in California. Go ahead, check the online callbook (eeeeiiii! online callbook pileup :-).

73,

Kok Chen, AA6TY kchen@apple.com
Apple Computer, Inc.

Date: (null)
From: (null)
SB PROP ARL ARLP026
ARLP026 Propagation de KT7H

Conditions during last week's Field Day were better than expected. The K index on Saturday was zero most of the time, although it did jump suddenly to four at 0600z on Sunday. The big upset in conditions didn't appear until Monday, when the K index reached five.

For the near term expect low solar activity as the current sunspot cycle declines. Solar flux should peak around 90 this month from July 10 through 14. Look for moderate geomagnetic upsets centered around July 9 and 16, and more severe problems around the end of the month.

As low solar activity continues, there will be fewer openings above 20 meters, and DXers will have to look more toward 30 and 40 meters for action.

Sunspot Numbers from June 23 through 29 were 35, 45, 54, 27, 23, 25 and 32, with a mean of 34.4. 10.7 cm flux was 73.1, 72.8, 73.1, 73.9, 73, 73.9 and 79, with a mean of 74.1.

The path projection for this week is from Anchorage, Alaska to the Hawaiian Islands.

80 meters should be open from 0615 to 1415z, peaking around 0830. 40 meters looks good from 0430 to 1600, peaking from 0800 to 1230. 30 meters may be open almost around the clock, with good conditions from 0300 to 1700, and the best times identical to 40 meters. 20 meters should be open from 0200 to 0900. The bands above 20 meters do not look promising at this time.

NNNN

/EX

Date: (null)

From: (null)

SB QST ARL ARLB056

ARLB056 Look at that license

Look at that license

Amateurs receiving new or modified FCC licenses after June 8, 1994, should carefully note their expiration date. Only new, first licenses or specific renewals have a full 10-year term.

Amateur license upgrades, changes of address, call sign, or name, are processed with the original expiration date intact. That is, they are not automatically extended for 10 years.

The FCC, using new computer software recently installed, is processing amateur licenses in this manner to conform with to the way in which it processes all other Private Radio Service licenses.

The FCC currently recommends that amateurs submit license renewal applications 60 to 90 days before their expiration date. The Commission said it intends eventually to mail license expiration notices to amateurs, In the meantime, the ARRL is sending license expiration notices to ARRL members, along with an FCC Form 610 and a return envelope to the FCC's licensing division in Gettysburg, Pennsylvania.

NNNN

/EX

Date: 3 Jul 1994 15:30:58 -0500
From: news2.sprintlink.net!news.sprintlink.net!bga.com!bga.com!nobody@uunet.uu.net
To: info-hams@ucsd.edu

References <FAUNT.94Jul1181923@netcom4.netcom.com>,
<CsALB5.G2n@srigenprp.sr.hp.com>, <1994Jul3.112725.1@woods.uml.edu>intl
Subject : Re: CW - THE ONLY MODE!

Howdy.

I'm a big proponent of head copy myself. In fact, when I started getting the code down--after I learned what all the characters sounded like--that's the **only** way I copied it. I practiced with nothing more than a shortwave receiver. If you can copy some of the really bad cw (sorry, but it's true) that some people send, copying the stuff that they give you at the tests is easy. I guess it worked, too, because I copied solid 5wpm for my novice, and might've been able to go faster but don't know. Got my license. Made a couple contacts and did a lot of listening. By January when I took (and failed) tech and General, after being a ham for three months, I passed my 20 wpm. So I was one of probably only a few 20 wpm novices for about a month. :)

--

Buddy Brannan, KB5ELV	Mary had a little lamb.
(512)441-3246 (Home)	Her father shot it dead.
Internet: davros@bga.com	Now Mary takes her lamb to school
davros@ccwf.cc.utexas.edu	Between a piece of bread.

End of Info-Hams Digest V94 #739
